

Title (en)
METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION

Title (de)
VERFAHREN UND ZUSAMMENSETZUNGEN ZUR AMPLIZIERUNG VON NUKLEINSÄUREN

Title (fr)
PROCÉDÉS ET COMPOSITIONS POUR L'AMPLIFICATION D'ACIDE NUCLÉIQUE

Publication
EP 2121956 B1 20160817 (EN)

Application
EP 07869693 A 20071220

Priority
• US 2007088473 W 20071220
• US 87145106 P 20061221

Abstract (en)
[origin: WO2008080029A2] Compositions that are used in nucleic acid amplification in vitro are disclosed, which include a target specific universal (TSU) promoter primer or promoter provider oligonucleotide that includes a target specific (TS) sequence that hybridizes specifically to a target sequence that is amplified and a universal (U) sequence that is introduced into the sequence that is amplified, by using a primer for the universal sequence. Methods of nucleic acid amplification in vitro are disclosed that use one or more TSU oligonucleotides to attached a U sequence to a target nucleic acid in a target capture step and then use a primer for a U sequence in subsequent amplification steps performed in substantially isothermal conditions to make amplification products that contain a U sequence that indicates the presence of the target nucleic acid in a sample.

IPC 8 full level
C12P 19/34 (2006.01)

CPC (source: EP US)
C12Q 1/6834 (2013.01 - EP US); **C12Q 1/6844** (2013.01 - US); **C12Q 1/6865** (2013.01 - EP US); **C12Q 1/6881** (2013.01 - US);
C12Q 2525/155 (2013.01 - US); **C12Q 2525/186** (2013.01 - US); **C12Q 2525/197** (2013.01 - US); **C12Q 2531/143** (2013.01 - US);
C12Q 2565/543 (2013.01 - US)

Citation (examination)
US 2006068380 A1 20060330 - SCHRODER ASTRID R [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008080029 A2 20080703; WO 2008080029 A3 20081016; WO 2008080029 A9 20080814; AU 2007336839 A1 20080703;
AU 2007336839 B2 20130509; AU 2007336839 C1 20131219; CA 2673017 A1 20080703; CA 2673017 C 20150804; EP 2121956 A2 20091125;
EP 2121956 A4 20111221; EP 2121956 B1 20160817; EP 3095873 A1 20161123; EP 3095873 B1 20180418; EP 3121286 A1 20170125;
EP 3121286 B1 20191120; JP 2010514420 A 20100506; JP 2013153766 A 20130815; JP 2016032483 A 20160310; JP 2017225460 A 20171228;
JP 2018201523 A 20181227; JP 5340167 B2 20131113; JP 5980164 B2 20160831; JP 6416356 B2 20181031; US 10407723 B2 20190910;
US 10415092 B2 20190917; US 2008305482 A1 20081211; US 2012264122 A1 20121018; US 2014127700 A1 20140508;
US 2017321273 A1 20171109; US 2017342491 A1 20171130; US 8198027 B2 20120612; US 8642268 B2 20140204; US 9677135 B2 20170613

DOCDB simple family (application)
US 2007088473 W 20071220; AU 2007336839 A 20071220; CA 2673017 A 20071220; EP 07869693 A 20071220; EP 16175562 A 20071220;
EP 16184379 A 20071220; JP 2009543245 A 20071220; JP 2013103896 A 20130516; JP 2015239531 A 20151208; JP 2017194401 A 20171004;
JP 2018188327 A 20181003; US 201213460341 A 20120430; US 201314109709 A 20131217; US 201715417736 A 20170127;
US 201715595353 A 20170515; US 96207207 A 20071220